

Fig.1

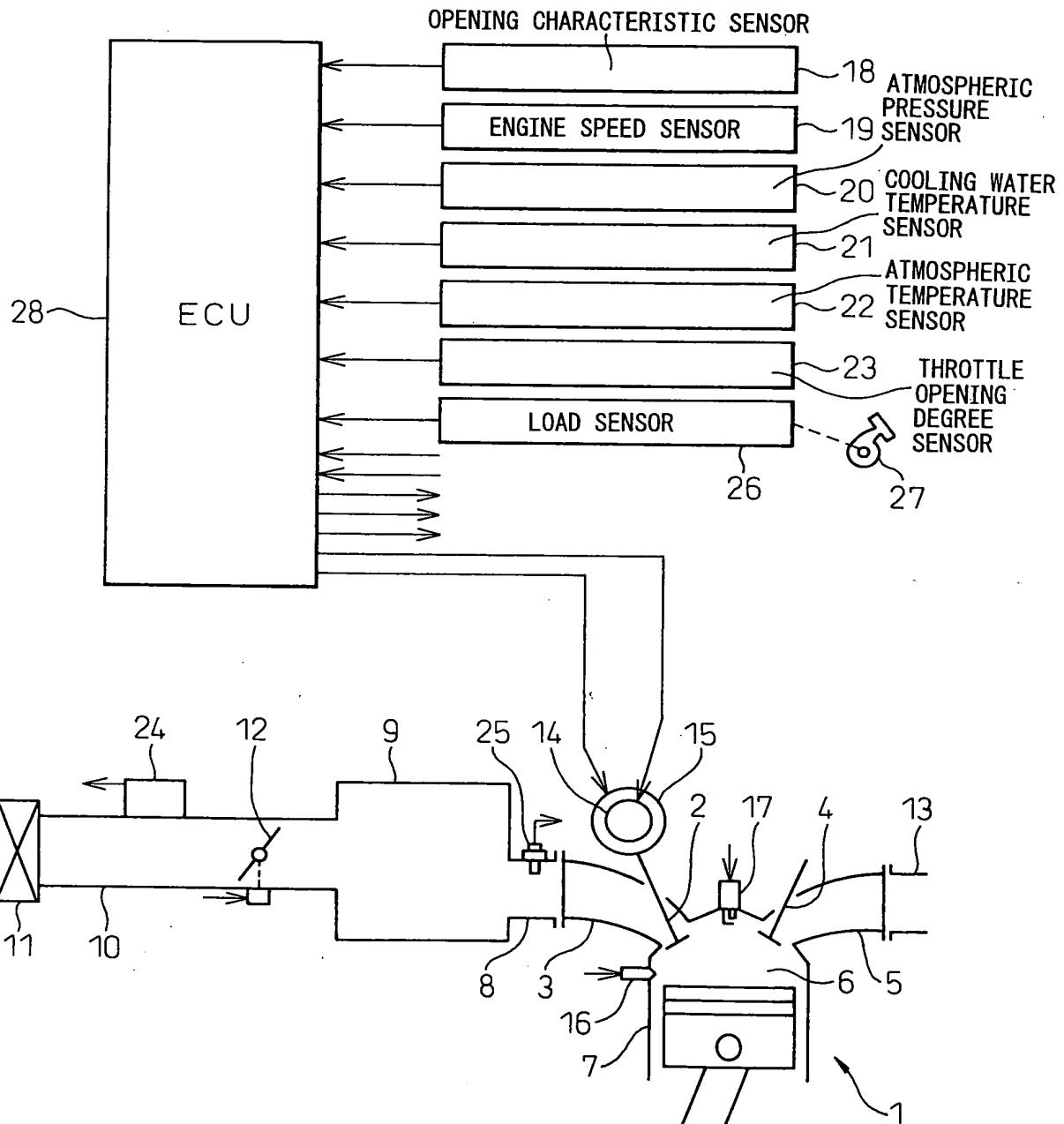


Fig.2

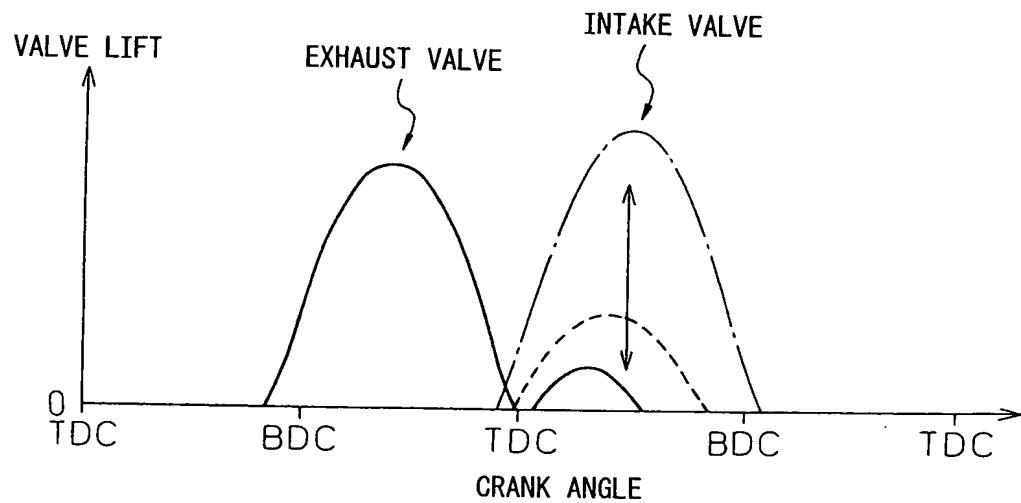


Fig.3

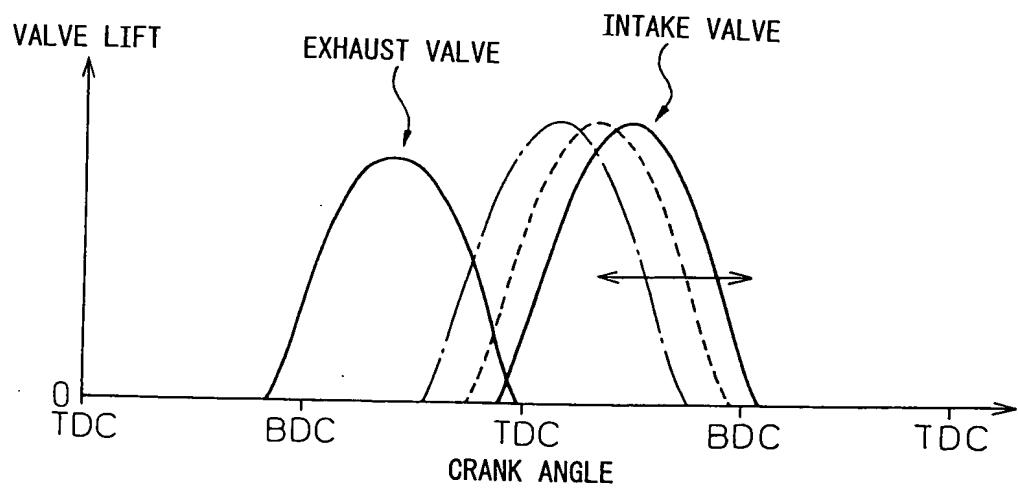


Fig.4

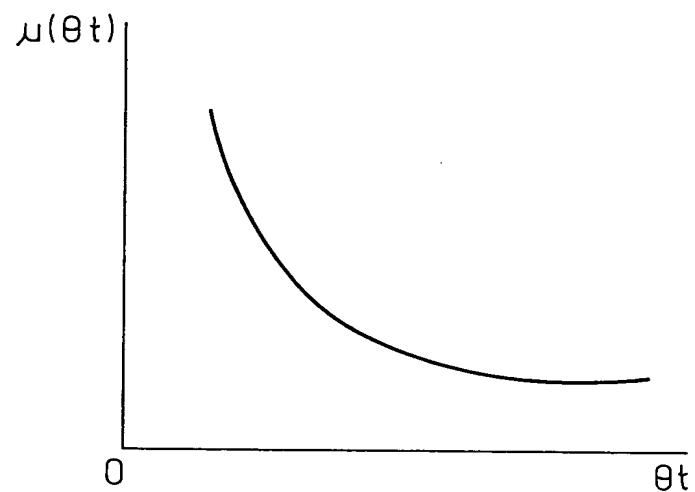


Fig.5

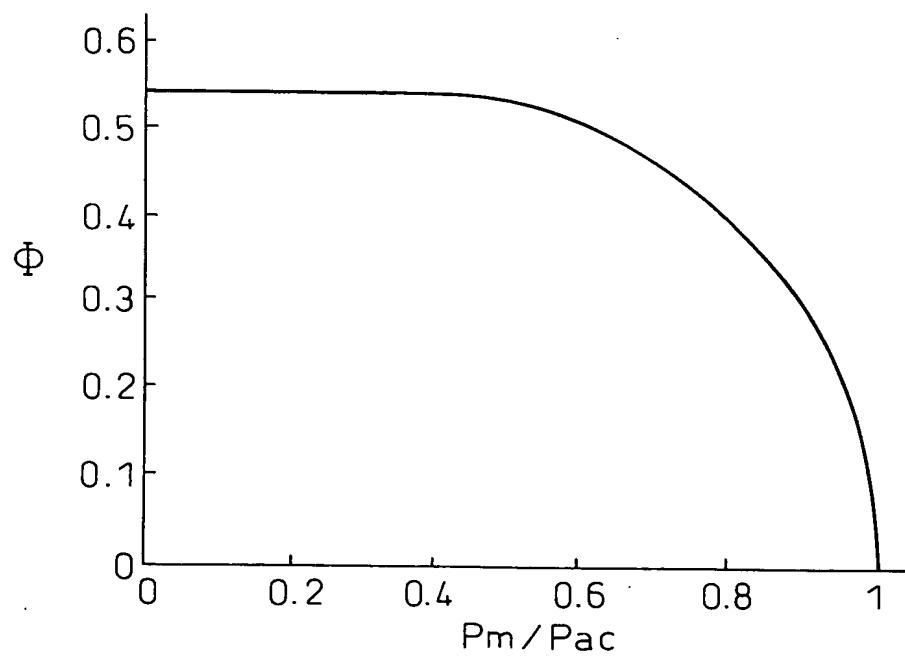


Fig.6

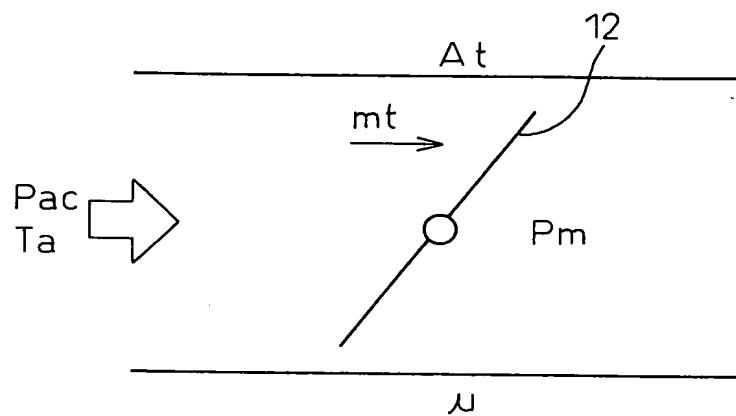


Fig.7

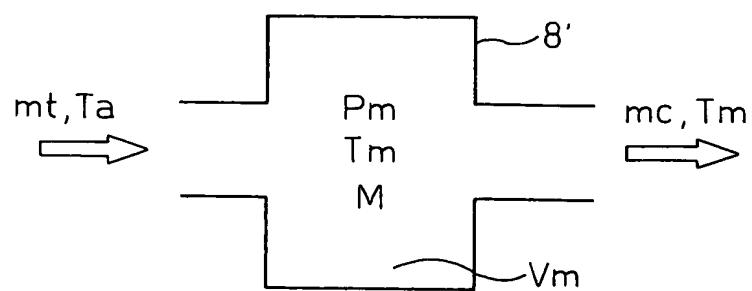


Fig.8

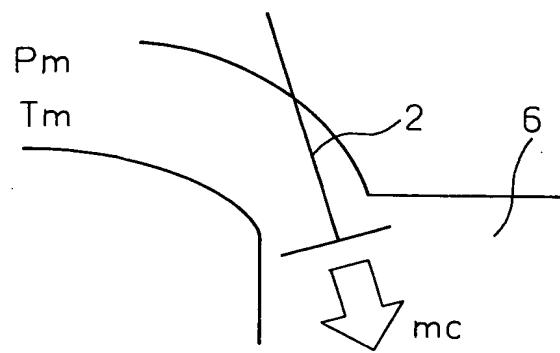


Fig.9

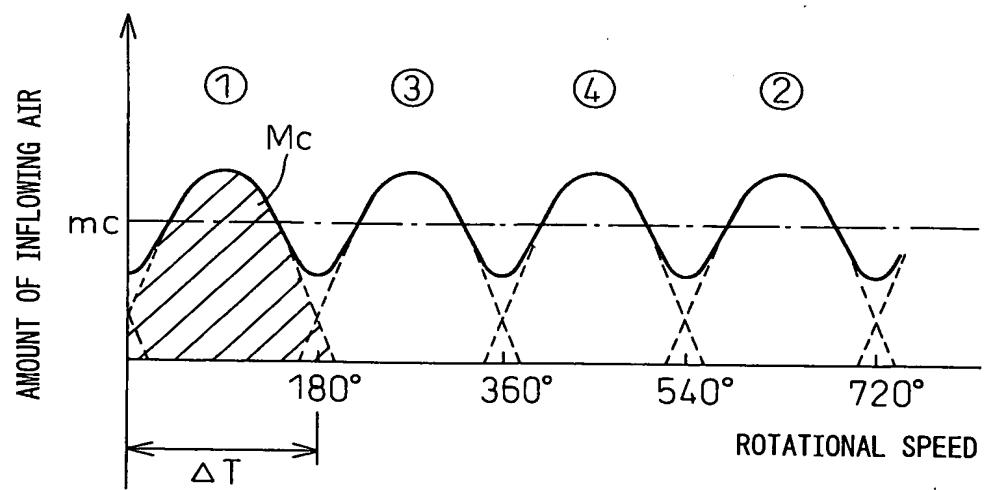


Fig.10

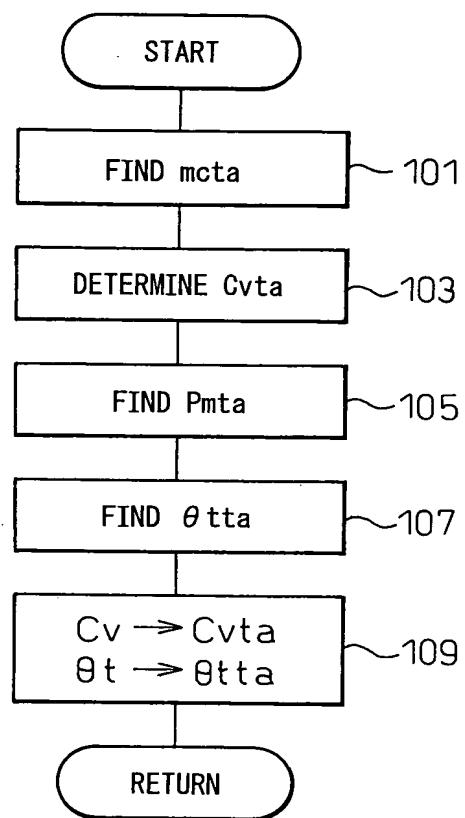


Fig.11

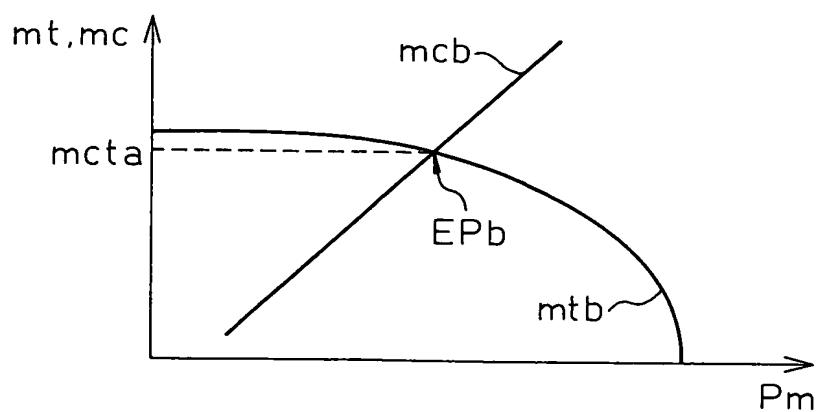


Fig.12

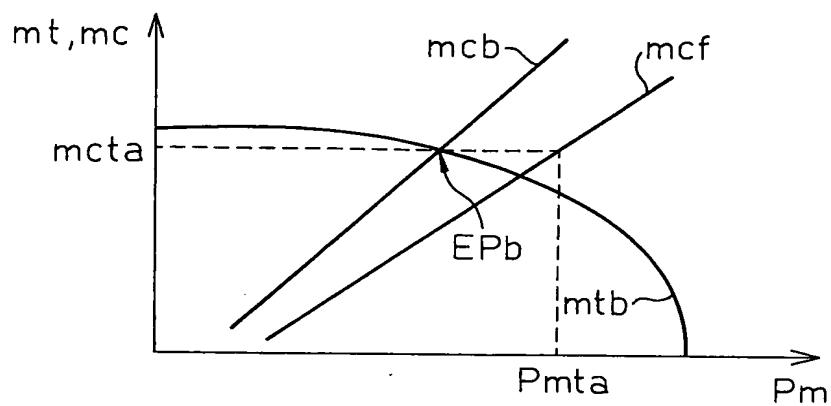
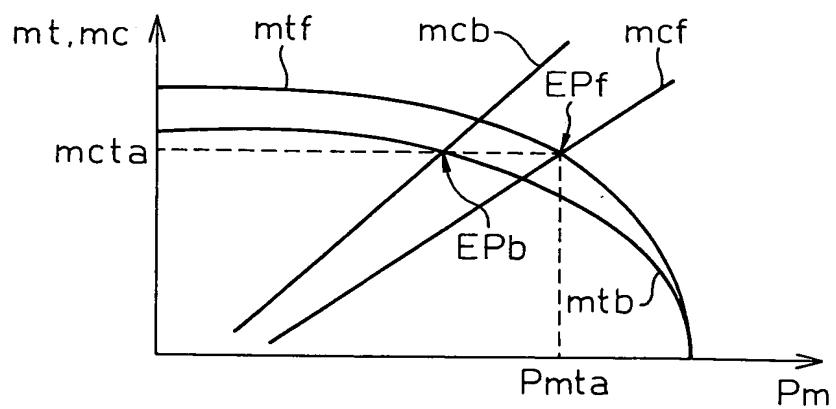


Fig.13



LIST OF REFERENCES

- 1... internal combustion engine
- 2... intake valve
- 3... intake port
- 4... exhaust valve
- 5... exhaust port
- 6... combustion chamber
- 7... cylinder
- 9... surge tank
- 11... air cleaner
- 12... throttle valve
- 14... valve lift changer
- 15... operating timing shifter
- 18... opening characteristic sensor
- 24... air flow meter
- 28... ECU (electronic control unit)